

System and Method for Providing Additional Channels to an Existing Communications Device

ABSTRACT OF THE DISCLOSURE

System and method for providing additional channels to an existing communications system. A preferred embodiment comprises a coprocessor (such as coprocessor 215) coupled to a modem (such as modem 205), wherein transmissions from the modem are routed to the coprocessor. The coprocessor then can insert transmissions that use the additional channels into the transmission from the modem. Timing consistency can be ensured by the coprocessor using scrambling and channelization codes that are provided by the modem. The use of the coprocessor can allow the use of an existing design for the modem rather than creating a new design when a revision to a technical standard is released, saving time and money for equipment manufacturers.